

Title (en)
Rotor heat shield and method for securing the same into a rotor assembly

Title (de)
Rotorhitzeschild und Verfahren zur Sicherung davon in einer Rotoranordnung

Title (fr)
Bouclier thermique de rotor et son procédé de fixation dans un ensemble à rotor

Publication
EP 3032041 B1 20190206 (EN)

Application
EP 14196806 A 20141208

Priority
EP 14196806 A 20141208

Abstract (en)
[origin: EP3032041A1] The present invention generally relates to a rotor assembly, and in particular relates to an improved rotor heat shield which provides an innovative configuration for securing the same to the rotor assembly. The rotor heat shield element is secured to the rotor assembly in correspondence of the groove in which it is inserted. Also, the present invention allows the removal of current fixation features on heat shields and blades. Furthermore, since the heat shield is no longer connected to a blade but directly to the rotor assembly, there is more freedom in selecting the number of heat shield elements to be provided to form the circumferential heat shield.

IPC 8 full level
F01D 11/00 (2006.01); **F02C 7/24** (2006.01)

CPC (source: EP US)
F01D 5/08 (2013.01 - US); **F01D 11/001** (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US); **F02C 7/24** (2013.01 - EP US);
F05D 2220/32 (2013.01 - US); **F05D 2230/60** (2013.01 - US); **F05D 2240/24** (2013.01 - US); **F05D 2260/231** (2013.01 - US);
F05D 2260/30 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3032041 A1 20160615; **EP 3032041 B1 20190206**; US 10156141 B2 20181218; US 2016160649 A1 20160609

DOCDB simple family (application)
EP 14196806 A 20141208; US 201514960183 A 20151204